

**LLANTRISANT AND LLANTWIT FARDRE  
RURAL DISTRICT COUNCIL**

---

---

**Annual Report**

OF THE

**Medical Officer of Health**

FOR THE YEAR ENDED

**31st December, 1948**

---

---



LLANTRISANT AND LLANTWIT FARDRE  
RURAL DISTRICT COUNCIL

---

---

Annual Report

OF THE


Medical Officer of Health

FOR THE YEAR ENDED

31st December, 1948

---

---



Digitized by the Internet Archive  
in 2016 with funding from  
Wellcome Library

<https://archive.org/details/b28856545>

## P R E F A C E .

---

### To the Chairman and Members of the Council.

This was not an easy year from the Social and National point of view. There has been no easing up in the general conditions of the people in the matter of food, housing and clothing, and added to this, in spite of what may be said by statisticians, there was no doubt an increase in the cost of living.

Public Health activities of the locality were carried out much as in previous years.

The year under review is the last year for this Council to be the Maternity and Child Welfare Authority, and even so it was only up to July 5th that they remained so. The coming into force of the new Act has seen many changes and in the future no doubt will see many more; but one of the great and outstanding changes is the lopping off of the powers of small local authorities such as ours and concentrating such powers under bigger authorities such as the County Council. Whether this is a good thing or a bad thing remains to be seen. With regard to the work carried out in the Maternity and Child Welfare sphere it was certainly up to the standard of previous years as will be seen from the statistics given.

The incidence of infectious diseases was on the whole satisfactory, especially so with regard to Diphtheria which undoubtedly shows the value of immunisation. There was, however, rather a sharp rise in the number of cases of Erysipelas but only one case of Puerperal Pyrexia. The number of Measles cases was still rather high; no cases of Poliomyelitis nor of Typhoid and Paratyphoid. The number of cases brought to my notice of Scabies was negligible compared with the war years. There was, however, throughout the district rather a large incidence of severe boils and carbuncles and I found that this is not confined to this area alone but seems to be prevalent throughout the country.

The Maternity and Child Welfare Services were transferred to the County Council and the Rhiwfelen Isolation Hospital was transferred to the Regional Hospital Board on July 5th.

The numbers of mothers who were confined in Hospital for the half year was relatively about the same as for the previous year.

I wish to thank my staff and everyone else with whom I came in contact for their loyal work and help so ungrudgingly given.

I am

Your obedient Servant

T. ISLWYN EVANS

*Medical Officer of Health.*



# ANNUAL REPORT

OF

## Medical Officer of Health

for the Year ended 31st December, 1948

---

Chairman of the Council - Councillor J. T. Harrison, J.P.

---

### COMMITTEES

#### Maternity and Child Welfare Committee :

*Chairman* - COUNCILLOR S. RICHARDSON

together with the whole of the Council comprising the following members :—W. Long, W. Moody-Jones, R. C. Kempster, F. E. Whereat, T. W. Roderick, F. Edwards, J. W. Clayton, D. R. Chubb, J. W. Raines, I. Jacob, I. Richards, E. J. Llewellyn, D. S. Rowlands, S. H. Manley, A. G. Martin, Mrs. V. M. Griffiths, and the following co-opted members : Mrs. J. Carter, Edmondstown; Mrs. Jenkins, Tonyrefail; Mrs. J. Oliver, Efail Isaf; Mrs. N. Smith, Beddau; Mrs. C. Lynch, Talbot Green; Mrs. H. Thomas, Gilfach Goch; Mrs. B. Angel, Gilfach Goch; Mrs. Warburton, Pontyclun; Mrs. Rosser, Efail Isaf.

#### Hospital Committee :

*Chairman* - Councillor T. W. RODERICK  
And all Members of the Council.

#### Public Health Committee :

*Chairman* - Councillor F. EDWARDS  
and all Members of the Council.

#### Housing Committee :

*Chairman* - COUNCILLOR I. JACOB

and all Members of the Council together with the following co-opted Members : Miss K. Williams, Llantrisant; Mrs. A. Evans, Tonyrefail; Mrs. H. Thomas, Gilfach Goch; Mr. B. Angel, Gilfach Goch; Mrs. Rosser, Church Village; Mrs. J. Bolt, Talbot Green; Mrs. I. Richards, Tonyrefail; Mrs. J. Oliver, Efail Isaf; Mr. D. Palmer.

## **S T A F F**

### **Medical Officer of Health :**

T. ISLWYN EVANS, M.A. (Cantab.), M.B., B.Ch. (Cantab.),  
M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (R.C.P. and S.).

### **Part-time Medical Officer for Ante-Natal Work :**

GRACE M. PHILLIPS, B.Sc., M.B., B.S., M.R.C.S. (Eng.),  
L.R.C.P. (Lond.), D.P.H., M.R.C.O.G.

### **Part-time Medical Officer for Infant Welfare Work :**

E. LLOYD, M.B., B.Ch.

### **Medical Officer of Contraceptive Clinic :**

SYBIL MORGAN, B.Sc., M.R.C.S. (Eng.), L.R.C.P. (Lond.).

### **Sanitary Inspectors :**

Mr. W. ROBERT WILLIAMS, Sanitary and Meat Inspectors'  
Certificate of Royal Sanitary Institute; Joint Testamur of the  
University of Wales and Cardiff Technical College.

Mr. J. GRAHAM C. SHORT, Sanitary Inspectors' Certificate of  
Royal Sanitary Institute and Other Food Inspectors' Certificates of  
Royal Sanitary Institute and Diploma in Hygiene of Royal  
Institute of Public Health and Hygiene.

### **Health Visitors :**

Mrs. A. M. JENKINS, 39, Mill Street, Tonyrefail (Certificate of  
Midwifery Board).

Mrs. B. JAMES, Higheroft, Maesycod, Pontypridd (State Registered  
Nurse; State Certified Midwife; Health Visitor's and School  
Nurses' Certificate of Royal Sanitary Institute).

Mrs. A. THOMAS, 6 School Street, Tonyrefail (State Registered Nurse  
State Certified Midwife; Health Visitors' and School Nurses'  
Certificate of Royal Sanitary Institute).

Mrs. P. M. WILLIAMS, 34 Llanover Road, Pontypridd (State  
Registered Nurse; State Certified Midwife; Health Visitors' and  
School Nurses' Certificate of Royal Sanitary Institute).

### **Clerical Staff:**

Mrs. G. M. DAVID                      Miss M. HAMS

### **Hospital Staff:**

*Matron* - Miss M. ISAAC

1 Staff Nurse    4 Assistant Nurses    3 Probationer Nurses

Additional Nurses are employed if and when found necessary.

The Health Visitors were transferred to the County Council on  
5th July; and the Hospital staff was transferred to the Regional  
Hospital Board on the same date.



# LLANTRISANT AND LLANTWIT FARDRE RURAL DISTRICT COUNCIL

## ANNUAL REPORT, 1948

### GENERAL STATISTICS

|  |   |   |   |   |                  |
|--|---|---|---|---|------------------|
| Area of District                           | - | - | - | -   | 18,433.162 acres |
| Population                                 | - |   |   | 1931 Census, 25,908; 1948 (estimated)       | 24,670           |
| Number of Inhabited Houses                 |   |   |   | 1931 Census, 5,551; 1948 (estimated)        | 6,280            |
| Number of Families or Separate Occupiers : |   |   |   | 1931 Census, 5,976; 1948 (estimate)         | 7,135            |
|  |   |   |   | Rateable Value of District after De-Rating, | £120,838         |
|  |   |   |   | Sum Produced by Penny Rate :                | £460.            |

### SOCIAL CONDITIONS

#### General Observations

I would say that the outstanding feature would be the lack of houses and the great demand for houses. This demand is said by some to be due to :—

- A. A far greater number of young people getting married than before the war.
- B. Young married couples are not so content to live with their parents or “in rooms” as before the war.
- C. The lack of normal building during the war years.

Where the truth lies I do not know. It is still difficult to get ordinary repairs to houses carried out. Lack of labour and lack of material is the answer usually given for this and for the scarcity of houses.

The next great feature is the food problem. While it is in my view quite true that millions are now fed better than in pre-war days, millions more are fed worse; and on an all-round balance that this may have had its effect on the population. There are several other features that have had repercussions on the people :—

- A. Money is less plentiful; people prefer spending more on pleasure (including alcohol) than on food or self-improvement in other ways, including the mind.
- B. The general “tension” that is in the air both nationally and internationally.

These must have their effects on one's mind, and affect its consequent reactions and relationships.

Unemployment has somewhat decreased.

With regard to the general cleanliness and tidiness of the area, it seems to me that the general look of things and of the roads in particular is not what it was pre-war. Deterioration was understandable during the war period.

In some parts of the area, open lorries are used for the collection of household refuse; and I have noticed that during routine scavenging, a good deal of refuse is spilt on to the road or falls from the buckets on to the footpath when the buckets are thrown back not properly emptied. Furthermore, during dry weather and when there is any wind or if the lorry goes above a certain speed, or is overfull, paper and other rubbish are blown or otherwise scattered over the roads. This refuse dries up and is then blown (some of it doubtless highly germ-laden) into gardens and houses. No doubt some of the refuse spilt on the road is due to dogs or children rummaging in it. Furthermore, householders use all manner of open and antiquated receptacles for refuse storage; and moreover throw away all manner of stuff, some contrary to the Council's Byelaws, such as vegetable matter.

The remedy is what one may call "controlled scavenging", such as is done in many parts of this country and, I am informed, throughout Germany. As regards the use of a closed scavenging vehicle, this will be done as soon as delivery to the Council can be effected. Furthermore I recommend that the bin system for household refuse be instituted. There are, of course, to my own personal knowledge, a few reasons which might reasonably be given by householders against the use of expensive and elaborate refuse receptacles; such is the rough treatment they receive legitimately and otherwise. I have known new receptacles to be stolen. I have also known huge two-handled zinc bins hurled across the road during the night and all its contents scattered.

Again a great deal of untidiness and nuisance is caused by unthinking people throwing fish and chip papers and used bus tickets and in fact, any rubbish, anywhere in the road into front gardens, etc. There seems to be an entire lack of civic appreciation. Frequently one sees back lanes used for the deposit of all manner of refuse; again against the Council's Byelaws. How to stop it is a tremendous problem.

I would just mention the fact also that a great number of "private roads" in the District are still not made up: and are in the state they were 20 or 30 years and more ago.

The question of river pollution is also one of great importance. A great deal of this is due to colliery tipping finding its way into our streams; a deal is due to householders and occasionally wholesale greengrocers deliberately throwing garbage into otherwise clear or moderately clear streams. This continues to be done in spite of all attempts to stop it. A certain amount of pollution is due to fairly crude human sewage being allowed to find its way untreated into certain streams.

All this should be stopped; even as I would like to see the vast and ugly colliery tips being stopped to increase in size: taking away more land, more space and frequently shutting out the light, and I would like to see those already extant removed to such useful purposes as filling in marshy land. The countryside around here is a lovely sight as nature gave it us and also a lovely heritage.

I would like to draw your attention to two things put out in one of my Sanitary Inspectors' reports.

One is the need for the provision of suitable sewage disposal plant for various individual parts of the area and the other is the question of the slaughter of pigs by small pig keepers for their personal consumption without any form of inspection.

I entirely agree with his observations on these points.

## VITAL STATISTICS.

### Live Births.

|              |       | <i>Male</i> |       | <i>Female</i> |       | <i>Total</i> |
|--------------|-------|-------------|-------|---------------|-------|--------------|
| Legitimate   | ..... | 264         | ..... | 244           | ..... | 508          |
| Illegitimate | ..... | 13          | ..... | 17            | ..... | 30           |
|              |       | <hr/>       |       | <hr/>         |       | <hr/>        |
|              |       | 277         | ..... | 261           | ..... | 538          |

There was a decrease in the total number of births that took place during the year, the number was 538 against 561 for 1947. This gives a birth rate of 22.5 per 1,000 live births against 23.7 for 1947.

### Still Births.

|              |       | <i>Male</i> |       | <i>Female</i> |       | <i>Total</i> |
|--------------|-------|-------------|-------|---------------|-------|--------------|
| Legitimate   | ..... | 3           | ..... | 4             | ..... | 7            |
| Illegitimate | ..... | 0           | ..... | 1             | ..... | 1            |
|              |       | <hr/>       |       | <hr/>         |       | <hr/>        |
|              |       | 3           |       | 5             | ..... | 8            |

The stillbirth rate per 1,000 live births was 14.8, which is a decrease as compared with that of the previous year, the rate for 1947, being 19.7

### Premature Infants. (Circ. 20/44 (Wales), 22nd March, 1944).

The following premature babies were notified during the year (*i.e.*, birth weight of 5½ lbs. or under) :—

|                         |     |    |
|-------------------------|-----|----|
| Number born at home     | ... | 13 |
| Number born in Hospital | ... | 13 |

Up to July 5th, the Council continued to engage Dr. A. G. Watkins, Cardiff as a specialist consultant to attend any case of prematurity which the local practitioner may want to be seen. The services of Dr. Watkins could only be acquired through the Council's Medical Officer. His services were not required during the year.

### Deaths

|  | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--|-------------|---------------|--------------|
| Total Deaths                               | 152         | 129           | 281          |
| Number of deaths occurring in Institutions | 18          | 16            | 34           |

The General Death Rate has decreased slightly from the previous year, being 11.5 against 11.7 for 1947.

## Deaths of Infants Under One Year.

|              | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--------------|-------------|---------------|--------------|
| Legitimate   | 17          | 8             | 25           |
| Illegitimate | 1           | 1             | 2            |
|              | <hr/> 18    | <hr/> 9       | <hr/> 27     |

The total number of deaths of infants under one year being 27, gives a rate per 1,000 live births of 50. This is higher than the Infant Death Rate for 1947, which was 39.

## Relative Death Rates

|   |       |      |
|---|-------|------|
| Legitimate Infants per 1,000 legitimate live births     | ..... | 49.2 |
| Illegitimate Infants per 1,000 illegitimate live births | ..... | 66.6 |
| All Infants per 1,000 live births                       | ..... | 50.1 |

## Deaths from the Commoner Infectious Diseases.

|                                       |       |     |
|---------------------------------------|-------|-----|
| Deaths from Measles (all ages)        | ..... | NIL |
| Deaths from Whooping Cough (all ages) | ..... | NIL |
| Deaths from Diarrhoea (under 2 years) | ..... | 1   |

## INFANTILE MORTALITY.

| DISEASE.                                 | Under 1 week | 1-2 weeks | 2-3 weeks | 3-4 weeks | Total under 4wks | 1-3 months | 3-6 months | 6-9 months | 9-12 months | Total deaths from 1 m'n to 12 m'nths |
|--|--------------|-----------|-----------|-----------|------------------|------------|------------|------------|-------------|--------------------------------------|
| Allergic Exudative }<br>Bronc. Pneumonia | —            | —         | —         | —         | —                | —          | —          | —          | 1           | 1                                    |
| Asphyxia                                 | —            | —         | —         | —         | —                | 1          | 2          | —          | —           | 3                                    |
| Atelectasis                              | 1            | —         | —         | —         | —                | —          | —          | —          | —           | 1                                    |
| Broncho-Pneumonia                        | —            | —         | —         | 1         | —                | 1          | 3          | 1          | —           | 6                                    |
| Convulsions                              | —            | —         | —         | —         | —                | 1          | 2          | —          | —           | 3                                    |
| Debility                                 | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| Fibrocystic Disease<br>of Pancreas       | —            | —         | —         | —         | —                | —          | —          | —          | 1           | 1                                    |
| Gastro Enteritis                         | —            | —         | —         | —         | —                | 1          | —          | —          | —           | 1                                    |
| Haematemesis                             | —            | —         | —         | —         | —                | —          | 1          | —          | —           | 1                                    |
| Icterus Neonatorum                       | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| Marasmus                                 | 1            | —         | —         | —         | —                | —          | 1          | —          | —           | 2                                    |
| Misadventure                             | —            | —         | —         | —         | —                | —          | 1          | —          | —           | 1                                    |
| Pink's Disease                           | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| Pneumonia                                | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| Prematurity                              | 5            | —         | —         | —         | —                | —          | —          | —          | —           | 5                                    |
| Prematurity and<br>Cong. Hearts Dis. }   | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| Spina Bifida                             | 1            | —         | —         | —         | —                | —          | —          | —          | —           | 1                                    |
| Subarachnoid<br>Haemorrhage              | —            | —         | —         | —         | —                | —          | 1          | —          | —           | 1                                    |
| Whooping Cough                           | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| Whooping Cough<br>Bronc. Pneumonia }     | —            | —         | —         | —         | —                | —          | —          | —          | —           | —                                    |
| TOTALS                                   | 8            | —         | —         | 1         | —                | 4          | 11         | 1          | 2           | 27                                   |

### Tuberculosis Death Rate

The deaths from this disease numbered 17 against 21 for 1947, making a rate in relation to total deaths of 60.40 per 1,000 deaths, against 75 for the previous year.

### Respiratory Diseases Death Rate

The number of deaths from Bronchitis, Pneumonia and other respiratory diseases was 38 for 1948 against 39 for the previous year, making a rate in relation to total deaths of 130 per 1,000 deaths against 140 for 1947.

### Cancer Death Rate

The deaths from cancer numbered 38 against 35 for the previous year making a rate in relation to total deaths of 135.5 per 1,000 deaths against 126 for the previous year.

### Maternity Mortality

There were NO maternal deaths during the part of the year under review.



# GLAMORGAN (ADMINISTRATIVE COUNTY)

## VITAL STATISTICS, 1948.

| DISTRICT                                   | Esti-<br>mated<br>Popu-<br>lation<br>1948 | BIRTHS              |   | DEATHS              |   | Infantile<br>Mortality       |                                |
|--|---|---------------------|---|---------------------|---|------------------------------|--------------------------------|
|  |   | No.<br>of<br>Births | Rate<br>per<br>1,000<br>Popu-<br>lation | No.<br>of<br>Deaths | Rate<br>per<br>1,000<br>Popu-<br>lation | Deaths<br>under<br>1<br>Year | Rate<br>per<br>1,000<br>Births |
| Administrative<br>County .....             | 725,200                                   | 13,715              | 18.9                                    | 8,399               | 11.6                                    | 560                          | 41                             |
| Urban Districts .....                      | 531,990                                   | 10,264              | 19.3                                    | 6,318               | 11.9                                    | 417                          | 41                             |
| Rural Districts .....                      | 193,210                                   | 3,451               | 17.9                                    | 2,081               | 10.8                                    | 143                          | 41                             |
| England and Wales .....                    | 42750000                                  | —                   | 17.9                                    | —                   | 10.8                                    | —                            | 41                             |
| <b>Urban Districts :</b>                   |   |                     |   |                     |   |                              |                                |
| Aberdare .....                             | 41,070                                    | 708                 | 17.2                                    | 555                 | 13.5                                    | 29                           | 41                             |
| Barry .....                                | 41,670                                    | 769                 | 18.5                                    | 442                 | 10.6                                    | 23                           | 30                             |
| Bridgend .....                             | 12,790                                    | 239                 | 18.7                                    | 124                 | 9.7                                     | 10                           | 42                             |
| Caerphilly .....                           | 33,690                                    | 765                 | 22.7                                    | 417                 | 12.4                                    | 48                           | 63                             |
| Cowbridge .....                            | 1,110                                     | 15                  | 13.5                                    | 9                   | 8.1                                     | —                            | —                              |
| Gelligaer .....                            | 36,000                                    | 786                 | 21.8                                    | 356                 | 9.9                                     | 33                           | 42                             |
| Glyncorwg .....                            | 8,870                                     | 204                 | 23.0                                    | 106                 | 12.0                                    | 15                           | 74                             |
| Llchwyr .....                              | 25,620                                    | 400                 | 15.6                                    | 255                 | 10.0                                    | 20                           | 50                             |
| Maesteg .....                              | 22,960                                    | 524                 | 22.8                                    | 269                 | 11.7                                    | 26                           | 50                             |
| Mountain Ash .....                         | 31,900                                    | 656                 | 20.6                                    | 426                 | 13.4                                    | 30                           | 46                             |
| Neath .....                                | 32,040                                    | 585                 | 18.3                                    | 387                 | 12.1                                    | 17                           | 29                             |
| Ogmore and Garw .....                      | 22,720                                    | 457                 | 20.1                                    | 272                 | 12.0                                    | 22                           | 48                             |
| Penarth .....                              | 17,850                                    | 312                 | 17.5                                    | 208                 | 11.7                                    | 7                            | 22                             |
| Pontypridd .....                           | 38,860                                    | 779                 | 20.0                                    | 489                 | 12.6                                    | 21                           | 27                             |
| Porthcawl .....                            | 9,210                                     | 146                 | 15.9                                    | 129                 | 14.0                                    | 4                            | 27                             |
| Port Talbot .....                          | 42,830                                    | 818                 | 19.1                                    | 450                 | 10.5                                    | 29                           | 35                             |
| Rhondda .....                              | 112,800                                   | 2,101               | 18.6                                    | 1,424               | 12.6                                    | 83                           | 40                             |
| <b>Rural Districts :</b>                   |   |                     |   |                     |   |                              |                                |
| Cardiff .....                              | 35,500                                    | 525                 | 14.8                                    | 384                 | 10.8                                    | 16                           | 30                             |
| Cowbridge .....                            | 13,700                                    | 317                 | 23.1                                    | 137                 | 10.0                                    | 13                           | 41                             |
| Gower .....                                | 11,350                                    | 201                 | 17.7                                    | 129                 | 11.4                                    | 9                            | 45                             |
| <b>Llantrisant and<br/>Llantwit Fardre</b> |   |                     |   |                     |   |                              |                                |
| Neath .....                                | 24,670                                    | 538                 | 21.8                                    | 281                 | 11.4                                    | 27                           | 50                             |
| Penybont .....                             | 41,200                                    | 694                 | 16.8                                    | 425                 | 10.3                                    | 32                           | 46                             |
| Pontardawe .....                           | 34,030                                    | 637                 | 18.7                                    | 338                 | 9.9                                     | 26                           | 41                             |
| Pontardawe .....                           | 32,760                                    | 539                 | 16.5                                    | 387                 | 11.8                                    | 20                           | 37                             |

# TOTAL DEATHS.

## Causes of Death According to Registrar-General's Report.

|  | Male. | Female |
|--|-------|--------|
| All Causes .....   | 152   | 129    |
| Whooping Cough .....   | —     | —      |
| Tuberculosis of Respiratory System .....                       | 6     | 7      |
| Other Forms of Tuberculosis .....                              | 4     | —      |
| Syphilitic Diseases .....                                      | —     | —      |
| Influenza .....  | 1     | 1      |
| Measles .....  | —     | —      |
| Acute Poliomyelitis .....                                      | —     | —      |
| Cancer of Buccal Cavity, Oesophagus, Uterus .....              | —     | 3      |
| Cancer of Stomach and Duodenum .....                           | 6     | 3      |
| Cancer of Breast .....   | —     | 2      |
| Cancer of all other sites .....                                | 13    | 14     |
| Diabetes .....   | —     | 1      |
| Intra-cranial Vascular Lesions .....                           | 17    | 17     |
| Heart Disease .....  | 31    | 31     |
| Other Diseases of Circulatory System .....                     | 7     | 5      |
| Bronchitis .....   | 12    | 5      |
| Pneumonia .....  | 8     | 3      |
| Other Respiratory Diseases .....                               | 8     | 2      |
| Ulcer of Stomach or Duodenum .....                             | —     | 1      |
| Diarrhoea under two years .....                                | 1     | —      |
| Appendicitis .....   | —     | 1      |
| Other Digestive Diseases .....                                 | 2     | 2      |
| Nephritis .....  | 2     | 1      |
| Premature Birth .....  | 4     | 2      |
| Congenital Malformation, Birth Injuries, Infant Diseases ..... | 5     | 0      |
| Suicide .....  | 2     | —      |
| Road Traffic Accidents .....                                   | 2     | 1      |
| Other Violent Causes .....                                     | 8     | 3      |
| Puerperal and Post-abortion Sepsis .....                       | —     | —      |
| All Other Causes .....   | 12    | 24     |



## SUMMARY OF HEALTH VISITORS' REPORTS

" Attendances at Clinics up to 5th July, 1948

|                  | Infants<br>under 1 |                 | Children<br>1 to 5 Years |                 | Average<br>per<br>session | Expectant<br>Mothers |                 |
|------------------|--------------------|-----------------|--------------------------|-----------------|---------------------------|----------------------|-----------------|
|                  | First<br>Visits    | Total<br>Visits | First<br>Visits          | Total<br>Visits |                           | First<br>Visits      | Total<br>Visits |
| Tonyrefail       | }                  |                 |                          |                 |                           |                      |                 |
| Gilfach Goch     |                    | 21              | 7                        | 136             | 22.6                      | 85                   | 501             |
| Llantrisant .... |                    | 57              | 13                       | 307             | 62.1                      | 43                   | 222             |
| Coedely ....     |                    | 87              | 10                       | 102             | 63.5                      | 15                   | 111             |
| Beddau ....      |                    | 37              | 3                        | 190             | 42.5                      | 38                   | 189             |
| Llan. Fardre     |                    | 33              | 8                        | 173             | 44.6                      | 10                   | 123             |
| TOTALS           | 235                | 1,930           | 41                       | 908             | 235.3                     | 191                  | 1,146           |

The combined figures for Tonyrefail and Gilfach Goch are for the months of April, May and June. The "regular" Health Visitor was away sick for the previous three months.

## HOME VISITS

Maternity and Child Welfare up to 5th July, 1948

|                      | Children                           |                 |   | Expectant<br>Mothers |                 |
|----------------------|------------------------------------|-----------------|---|----------------------|-----------------|
|                      | First<br>Visits<br>under<br>1 year | Total<br>Visits | Total<br>Visits<br>to children<br>1-5 years | First<br>Visits      | Total<br>Visits |
| Nurse Jenkins        |                                    |                 |   |                      |                 |
| Tonyrefail } ....    | 44                                 | 57              | 62  | 37                   | 46              |
| Gilfach Goch } ....  |                                    |                 |   |                      |                 |
| Mrs. Williams        |                                    |                 |   |                      |                 |
| Llantrisant ....     | 111                                | 228             | 396   | 9                    | 64              |
| Coedely ....         | 63                                 | 138             | 184   | 5                    | 18              |
| Nurse James          |                                    |                 |   |                      |                 |
| Beddau ....          | 64                                 | 67              | 266   | 19                   | 31              |
| Llantwit Fardre .... | 50                                 | 259             | 250   | 13                   | 21              |
| TOTALS               | 332                                | 749             | 1,158                                       | 83                   | 170             |

## HEALTH SERVICES

### Laboratory Examinations

All Laboratory Examinations necessary for the Public Health Services are carried out at the Cardiff and County Public Health Laboratory and the Emergency Public Health Laboratory, Cardiff. These are —

- (a) Bacteriological and Chemical examinations in relation to the Fever Hospital and to the control of Infectious and Contagious diseases in general.
- (b) Bacteriological and/or Chemical examinations of :—
  - 1. Milk.
  - 2. Drinking Water.
  - 3. Sewage.
- (c) Any other examinations which may be deemed necessary, such as examinations of foodstuffs other than milk.

### Ambulance Facilities

Up to July 5th, the following ambulances were available for the purposes stated :—

**COUNCIL'S OWN AMBULANCE**—Conveyance of cases of infectious disease to and from the Isolation Hospital, and to outside hospitals when necessary.

**PRIVATE AMBULANCE AND CAR**—Used for the transport of infectious diseases when our own ambulance could not be used, and also for the conveyance of maternity cases to and from hospital.

**ST. JOHN'S AND OTHER AMBULANCE SERVICES**—These ambulances were employed for the transport of cases of illness, road and works casualties to Hospital or to the Patient's home. Payment must be made for these services. Collieries, works and private individuals may subscribe regularly to the Priory and an ambulance can then be used without further charge. This ambulance was sometimes used by the Council to convey maternity cases to hospital. Certain collieries also have their own ambulance for dealing with cases of subscribers.

On July 5th, these services were taken over by the County.

## GENERAL NURSING

### Nursing in the Home

Up to July there were six nurses in the district for home nursing—one each in Gilfach Goch, Tonyrefail, Beddau, Llantwit Fardre, and two in the Llantrisant and Pontyclun areas combined.

### District Nursing Associations

Up to July 5th, the Council had an agreement with four of these District Nursing Associations for the use of their nurses for the treatment of minor ailments in children who attend the Infant Welfare Centres. Payment of 2/6 is made to the Association for each visit made by their nurses.

### Home and Domestic Help

Up to July 5th, six Home Helps were employed by the Council. All these services were taken over by the County on the appointed day.

## MATERNITY AND CHILD WELFARE

There are five clinic centres in the area. They are situated as follows: One each in Gilfach, Tonyrefail, Beddau, Church Village, and Talbot Green. Both Ante-Natal and Infant Welfare sessions were heavily attended as in previous years. After July 5th these were administered by the County.

### Ultra-Violet Ray Clinic.

The number of cases treated during the half year at Tonyrefail and Beddau Clinics were as follows:—

| TONYREFAIL              |       |     | BEDDAU                  |       |     |
|-------------------------|-------|-----|-------------------------|-------|-----|
| Infant Welfare Cases    | ..... | 212 | Infant Welfare Cases    | ..... | 60  |
| Ante-Natal Cases        | ..... | —   | Ante-Natal Cases        | ..... | —   |
| Schoolchildren (over 5) | ..... | —   | Schoolchildren (over 5) | ..... | —   |
| Post-Natal              | ..... | —   | Post-Natal              | ..... | —   |
| Total Attendances       |       | 901 | Total Attendances       | ..... | 441 |

### Contraceptive Clinic

|              |     |    |
|--------------|-----|----|
| New Patients |     | 4  |
| Old Patients | ... | 21 |
|              |     | —  |
| Total        |     | 25 |
|              |     | —  |

## **Grants of Milk and Foodstuffs**

The grants of milk and other foods to infants, ante-natal mothers or nursing mothers, are on the same basis as during the previous year.

The Local Food Office makes use of our Infant Welfare Clinics for the distribution of their commodities, orange juice, cod liver oil, National Dried Milk and several kinds of vitamin tablets. I am informed by the Food Officer there is a slight improvement in the response of the public in taking up the Ministry of Food vitamin products although much greater advantage could be taken of the scheme.

## **Other Services**

Women attending ante-natal clinics and nursing mothers can also have dental treatment, and the Council has agreed to their treatment for this purpose on the "sliding scale" of income, of which more is mentioned in the next paragraph. Although the opportunities are now so greatly increased for this important treatment, it is disappointing that so many mothers still fail to keep repeated appointments made for them.

## **Hospital Treatment for Maternity Cases**

The Council initially takes the financial responsibility and repayment is made to the Council by mothers according to their ability to pay, *i.e.*, on a "sliding scale" of income. The Council continues to take the same responsibility for mothers who do not attend the Council's ante-natal clinics, but whose admission to hospital is one of urgency, a condition in the latter case being that the permission of the Council's Medical Officer of Health be obtained. The scale of income governing this arrangement is given on the next page.

## **Rh Factor in Pregnancy**

We continue to take specimens of blood from all expectant mothers for examination of the Rh Factor, and also for testing certain types of venereal disease. Sometimes these tests have to be repeated to the end of pregnancy. Should the blood of an expectant mother be Rh-negative, it is necessary to test the blood of the husband also.

## **Treatment Clinics**

Arrangements are in force with the Glamorgan County Council whereby children suffering from certain ailments are treated at the County Council's Clinics. At present the following treatment clinics are open to children: Dental; Ear, Nose and Throat; Orthopaedic and Refraction Clinics.

## Number of Cases Attending Treatment Clinics of the Glamorgan County Council.

### (a) CHILDREN UNDER FIVE :

|                          |       |                |
|--------------------------|-------|----------------|
| (1) Orthopaedic          | ..... | 30             |
| (2) Dental               | ..... | 35             |
| (3) Ear, Nose and Throat | ..... | 15             |
| (4) Ophthalmic           | ..... | 7              |
| TOTAL                    |       | <hr/> 87 <hr/> |

### (b) EXPECTANT AND NURSING MOTHERS :

|            |       |                 |
|------------|-------|-----------------|
| Dental     | ..... | 129             |
| Ophthalmic | ..... | 1               |
| TOTAL      |       | <hr/> 130 <hr/> |

## Hospital Maternity Cases.

|  |       |                |
|--|-------|----------------|
| Number of Women admitted to Llwynypia Hospital (Generally urgent cases or those needing observation) | ..... | 79             |
| Number of Women admitted to Glyncofel Annex  | ..... | —              |
| Number of Women admitted to Central Homes, Pontypridd  | ....  | 11             |
| Number of Women admitted to Church Village Hospital  |       | <hr/> 2 <hr/>  |
| TOTAL  |       | <hr/> 92 <hr/> |

## Children and Young Persons' Act.

|   |       |     |
|---|-------|-----|
| Number of Persons on Register                             | ..... | Nil |
| Number of Children on Register                            | ..... | Nil |
| Number of Children who Died                               | ..... | Nil |
| Number of Children who removed during the year            | ..... | Nil |
| Proceedings taken during the year                         | ..... | Nil |
| Number of Persons on the Register at the end of the year  | ..... | Nil |
| Number of Children on the Register at the end of the year | ..... | Nil |

The relevant section of the Act was advertised in the local Press.

# MATERNITY AND CHILD WELFARE

Sliding Scale of Income applying to the maintenance of patients in Hospital, Orthopaedic and other Treatment Cases (excluding war bonus.)

## Proportion of Fees Payable per week Patient maintained

| No. of Children | Nil. | 5/3<br>1 | 10/6<br>1<br>4 | 15/9<br>3<br>2 | 21/-<br>1<br>2 | 26/3<br>5<br>4 | 31/6<br>3<br>4 | 36/9<br>8 | 42/-<br>Whole |
|-----------------|------|----------|----------------|----------------|----------------|----------------|----------------|-----------|---------------|
|-----------------|------|----------|----------------|----------------|----------------|----------------|----------------|-----------|---------------|

## Weekly Income after Deducting Rent

|   | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. | £ | s. | d. |
|---|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|---|----|----|
| 1 | 3 | 0  | 0  | 3 | 5  | 3  | 3 | 10 | 6  | 3 | 15 | 9  | 4 | 16 | 9  | 4 | 16 | 9  | 4 | 16 | 9  |
| 2 | 3 | 10 | 0  | 3 | 15 | 3  | 4 | 0  | 6  | 4 | 5  | 9  | 5 | 11 | 0  | 5 | 16 | 3  | 5 | 1  | 6  |
| 3 | 4 | 0  | 0  | 4 | 5  | 3  | 4 | 10 | 6  | 4 | 15 | 9  | 5 | 11 | 0  | 5 | 16 | 3  | 5 | 11 | 6  |
| 4 | 4 | 10 | 0  | 5 | 15 | 3  | 5 | 0  | 6  | 5 | 5  | 9  | 5 | 11 | 0  | 5 | 16 | 3  | 6 | 1  | 6  |
| 5 | 5 | 0  | 0  | 5 | 5  | 3  | 5 | 10 | 6  | 5 | 15 | 9  | 6 | 1  | 0  | 6 | 16 | 3  | 6 | 11 | 6  |
| 6 | 5 | 10 | 0  | 5 | 15 | 3  | 6 | 0  | 6  | 6 | 5  | 9  | 6 | 11 | 0  | 6 | 16 | 3  | 7 | 1  | 6  |

Adopted by the Council on the 19th June, 1944.

## MIDWIFERY AND MATERNITY SERVICES

### *Consulting Obstetrician :*

Professor GILBERT I. STRACHAN, M.D., F.R.C.S.

The services of Professor Strachan are available to any prospective mother attending any of the Council's Ante-Natal clinics, and who presents any complication requiring specialised treatment during labour at her home.

This service may be arranged only through the Medical Officer of Health. Provision is also made for consultations with Dr. Strachan for women attending the Ante-natal clinics and showing signs of special difficulty, and for cases of Puerperal Fever.

### **County Midwifery Service**

There are seven County Midwives in our area; one in Beddau, one in Llantwit Fardre, two in Gilfach Goch and three in the Tonyrefail and Coedely area. The two so-called "Iron Ore" or District Nurses employed by the Iron-ore workers attend in the Llantrisant and Pontyclun areas.

### **Hospitals**

There has been little change in the general and special hospital accommodation available for the inhabitants of the district except that some general cases have been treated under the E.M.S. Scheme, and at Clyncornel which was opened two years ago as a Maternity Annex to Llwynypia Hospital. Also, the R.A.F. Hospital at Church Village was opened as a General Hospital in June, 1947, under the administration of the Glamorgan County Council and is known as the East Glamorgan County Hospital.

The Hospitals are an essential part of modern life and hospitals are needed where everyone can be sure of immediate access without fear or refusal or delay on economic grounds or lack of accommodation.

### **General Hospitals**

Broadly speaking this area is served by:—

- (1) East Glamorgan Hospital, Church Village.
- (2) Cardiff Royal Infirmary.
- (3) Llwynypia Hospital.
- (4) Central Homes, Pontypridd.
- (5) To a slight extent by the Whitchurch E.M.S. Hospital, Pontypridd and district Cottage Hospital and Porth Cottage Hospital.



It is still rather difficult, except in the most acute or urgent cases, for a patient to be admitted as an In-patient and even as an Out-patient to the Cardiff Royal Infirmary, and there is a great need for more accommodation in general Hospitals. This also applies to tuberculosis hospitals and the trouble lies partly in staffing difficulties.

There should be a greater number of maternity beds available together with post-natal beds. So far as I can see the trend has been for a long time for expectant mothers to desire their confinement in hospital. There has been a great change in this attitude since the years preceding the war.

### **Special Hospitals : Tuberculosis**

These hospitals and sanatoria are under the control of the Welsh National Memorial Association. The Association also complains of difficulty of staffing, etc., troubles which appear common throughout the country, but which have become acute since the war.

### **Fever Hospital**

I must again emphasise the tremendous difficulty in the working of my fever hospital without "Cubicle" beds, and of the great difficulty I have had through staffing troubles.

### **Prevalence and Control of Infectious and Other Diseases**

The number of cases notified during the year was less than during the previous year, being 442 compared with 540 for 1947. There was a decrease in the number of cases of Measles and Whooping Cough notified this year, and an increase in the number of cases of Scarlet Fever.

### **Sonne Dysentery**

There were no cases notified.

### **Scarlet Fever**

There were 84 cases of Scarlet Fever notified; 25 from the Tonyrefail District, 19 from Gilfach Goch; 36 from the Llantrisant and Pontyclun area and 4 from the Llantwit Fardre area.

### **Diphtheria**

There were 11 cases notified. Of these seven came from the town ward, 2 from the Tonyrefail and 2 from the Gilfach Goch wards. Only one case was true diphtheria. There was a decrease of 6 in number of cases notified as compared with 1947.



It cannot be too strongly emphasised that parents should always consult a doctor whenever a child complains of a sore throat, or indeed, whenever a child is unwell, such as "off its food" and does not want to play. DELAY IN DIPHTHERIA MAY BE FATAL.

### **Erysipelas**

There were 9 cases notified. Seven in the Gilfach Goch area, one in Tonyrefail and one in Croesfaen areas.

### **Ophthalmia Neonatorum**

One case was notified during the year; the case was in Llantwit Fardre.

### **Puerperal Pyrexia**

There was one case notified; the case was in Gilfach Goch.

### **Pneumonia**

There were 13 cases of pneumonia notified; 4 from Tonyrefail; 3 from Gilfach Goch and 6 from the Town ward.

### **Whooping Cough**

There were only 20 cases of Whooping Cough notified; 9 from the Town Ward, 3 from Llantwit Fardre and 8 from Tonyrefail.

### **Measles**

There were 302 cases of Measles notified; 186 from Gilfach Goch, 51 from the Town Ward, 48 from Tonyrefail and 17 from Llantwit Fardre.

### **Typhoid and Para-Typhoid**

There were no cases notified.

### **Poliomyelitis**

There were no cases notified.

### **Vincent's Angina**

There were no cases notified.

The incidence of Measles during the year was fairly extensive and there was a rise in the number of cases of Scarlet Fever notified.

## ACTIVE IMMUNISATION AGAINST DIPHTHERIA

The campaign for Diphtheria Immunisation has been continued throughout the year under review, both in Schools and Infant Welfare Centres. Details of children who received injections are given herewith

|   |     |
|---|-----|
| Number of children under 5 who received full course of A.P.T. injections .....                                    | 216 |
| Number of children over 5 who received full course of A.P.T. injections .....                                     | 38  |
| Number of children who received a reinforcing injection ( <i>i.e.</i> , subsequent to complete full course) ..... | 244 |
| Total Number of children treated .....  | 498 |

## TUBERCULOSIS

The number of cases notified during the year shows a slight decrease, being 34 against 40 for 1947. They were classified as follows :

|                     | <i>Male</i> | <i>Female</i> |
|---------------------|-------------|---------------|
| Pulmonary .....     | 11          | 14            |
| Non-Pulmonary ..... | 6           | 3             |
|                     | 17          | 17            |

### Incidence of Tuberculosis in Each Ward

|                              | <i>Pulmonary T.B.</i> | <i>Non-Pulmonary T.B.</i> | <i>Totals</i> |
|------------------------------|-----------------------|---------------------------|---------------|
| Tonyrefail .....             | 8                     | 4                         | 12            |
| Gilfach Goch .....           | 5                     | —                         | 5             |
| Town Ward .....              | 11                    | 4                         | 15            |
| Llantwit Fardre Parish ..... | 1                     | 1                         | 2             |
|                              | 25                    | 9                         | 34            |

### Tuberculosis Visits

|                                   | <i>1st Visits</i> | <i>Re-Visits</i> |
|-----------------------------------|-------------------|------------------|
| Tonyrefail and Gilfach Goch ..... | 5                 | 6                |
| Llantwit Fardre and Beddau .....  | 5                 | 9                |
| Llantrisant and Pontyclun .....   | 5                 | 15               |
|                                   | 15                | 30               |

| Age             | New Cases   |      |           |      |
|-----------------|-------------|------|-----------|------|
|                 | Respiratory |      | Non-Resp. |      |
|                 | Male        | Fem. | Male      | Fem. |
| Under 1 ....    | —           | —    | —         | —    |
| 1—5 ....        | —           | 1    | 1         | 1    |
| 5—15 ....       | —           | —    | 3         | 1    |
| 15—25 ....      | 4           | 7    | 1         | 1    |
| 25—35 ....      | 2           | 3    | —         | —    |
| 35—45 ....      | 2           | 3    | —         | —    |
| 45—55 ....      | —           | —    | 1         | —    |
| 55—65 ....      | 3           | —    | —         | —    |
| 65 and over.... | —           | —    | —         | —    |
|                 | 11          | 14   | 6         | 3    |

The deaths numbered 17 against 25 for 1947; 6 males and 7 females died from pulmonary tuberculosis, and 4 males from non-pulmonary tuberculosis. Of the 34 cases notified during the year, 13 were admitted to hospitals or sanatoria for treatment.

The three main causes of incidence of tuberculosis are :—

- (a) Close and continuous contact with an “open” case.
- (b) Deficient Housing, which is closely allied to (a) and
- (c) Diet, which is closely related to the wage-earning capacity, also to the problem of clean milk; and also to the habits of the people.

Another matter of importance linked with the above (a) is that a “hopeless” case may either be refused admission to a sanatorium or sent home to die. In the present state of housing and lack of proper precautions by relatives generally, such cases must be a continuous source of danger.

Linked with this is “after care”, and this means not only care of a patient discharged from hospital or sanatorium, but of all the family contacts as well. I feel that much more could be done in this respect.

Furthermore, the question of diet is of importance in a general way. How the housewife can best use the money at her disposal; the extending use of tinned foods (when available) with the consequent loss of fresh foods and good solid dinners. All this is complicated tenfold by post-war conditions and restrictions.

In addition, it seems impossible to get a full quota of patients into hospital through lack of nurses and domestic staff in sanatoria.

## Cancer

Deaths from cancer were 38 compared with 35 for the previous year. The organs affected according to the classification of the Registrar-General were :—

| <i>Male</i>     |       |    | <i>Female</i>   |       |    |
|-----------------|-------|----|-----------------|-------|----|
| Stomach         | ..... | 6  | Stomach         | ..... | 3  |
| Oesophagus      | ..... | —  | Breast          | ..... | 2  |
| All other sites | ..... | 13 | All other sites | ..... | 14 |
|                 |       | —  |                 |       | —  |
|                 |       | 19 |                 |       | 19 |
|                 |       | —  |                 |       | —  |

## NOTIFIED INFECTIOUS DISEASES. (Other Than Tuberculosis) In Age Groups.

| Disease                    | Under<br>1 Yr. | 1-5<br>Yrs. | 5-10<br>Yrs. | 10-<br>15<br>Yrs. | 15-<br>25<br>Yrs. | 25-<br>35<br>Yrs. | 35-<br>45<br>Yrs. | 45-<br>55<br>Yrs. | 55<br>Yrs.<br>and<br>Over | Total |
|----------------------------|----------------|-------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|-------|
| Scarlet Fever              | —              | 23          | 41           | 16                | 4                 | —                 | —                 | —                 | —                         | 84    |
| Diphtheria                 | —              | 4           | —            | 1                 | 3                 | —                 | 2                 | —                 | 1                         | 11    |
| Measles                    | 12             | 165         | 118          | 5                 | —                 | 2                 | —                 | —                 | —                         | 302   |
| Whooping<br>Cough          | 3              | 11          | 6            | —                 | —                 | —                 | —                 | —                 | —                         | 20    |
| Puerperal<br>Pyrexia       | —              | —           | —            | —                 | 1                 | —                 | —                 | —                 | —                         | 1     |
| Pneumonia                  | 1              | 1           | —            | 2                 | —                 | —                 | 3                 | —                 | 6                         | 13    |
| Erysipelas                 | —              | —           | —            | —                 | —                 | —                 | 2                 | 4                 | 3                         | 9     |
| Ophthalmia<br>Neonatorum   | 1              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | 1     |
| Small Pox                  | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| Acute Polio-<br>myelitis   | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| Cerebro-spinal<br>Fever    | 1              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | 1     |
| Dysentery                  | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| Encephalitis<br>Lethargica | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| Vincent's<br>Angina        | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| Typhoid                    | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| Para-typhoid               | —              | —           | —            | —                 | —                 | —                 | —                 | —                 | —                         | —     |
| TOTALS                     | 18             | 204         | 165          | 24                | 8                 | 2                 | 7                 | 4                 | 10                        | 442   |

## INFECTIOUS DISEASES (Other than Tuberculosis)

| Disease               | No.<br>Notified | No. Admitted<br>to Hospital | Total<br>Deaths |
|-----------------------|-----------------|-----------------------------|-----------------|
| Scarlet Fever         | 84              | 71                          | —               |
| Diphtheria            | 11              | 11                          | —               |
| Measles               | 302             | —                           | —               |
| Whooping Cough        | 20              | —                           | —               |
| Puerperal Pyrexia     | 1               | —                           | —               |
| Pneumonia             | 13              | 2                           | —               |
| Erysipelas            | 9               | —                           | —               |
| Ophthalmia Neonatorum | 1               | —                           | —               |
| Acute Poliomyelitis   | —               | —                           | —               |
| Dysentery             | —               | —                           | —               |
| Vincent's Angina      | —               | —                           | —               |
| Typhoid               | —               | —                           | —               |
| Para-typhoid          | —               | —                           | —               |
| Cerebro-Spinal Fever  | 1               | —                           | —               |
|                       | <hr/> 442       | <hr/> 84                    | <hr/> —         |

## PREVENTION OF BLINDNESS

It has not been necessary to take action under the Public Health Act, 1925, for the prevention of blindness.

## SANITARY CIRCUMSTANCES OF THE AREA

The following information has been supplied by the Surveyor to the Council :—

### Taf Fechan Water Supply

The parish of Llantwit Fardre is supplied from this source and also the following districts within the parish of Llantrisant, viz. : Llantrisant town, Beddau, Penycoedcae, Cross Inn Road, Mwyndy and Croesfaen.

An ample supply is available from this source and in addition to the districts normally supplied, the following districts are also supplied during long periods of dry weather, when the supply from the Council's own water is insufficient to meet the consumption, namely, part of Tonyrefail, Talbot Green, Pontyclun, Brynsadler, Miskin, Cross Inn and Rhiwsaeson.

The water is filtered and chlorinated at the source by the Water Board and action is also taken, at source, to counteract the action of the water on lead.

The Council used to insist that all service pipes were to be either iron or lead with tin lining, in order to counteract the plumbo-solvency of the various supplies, and for the last 20 years or so the Council has insisted on all service pipes being of copper. The majority of the old service pipes being tin lined lead or iron have now been replaced with copper piping, and there is no risk of contamination of supplies from the various sources by plumbo-solvent action of the water. Periodical Bacteriological analysis of the water is made and the results are found to be very satisfactory.

### **Pontypridd and Rhondda Joint Water Board Supply**

The districts of Trebanog, Edmondestown, Penrhiwfer, part of Gilfach Goch and higher parts of Tonyrefail are supplied from this source.

During long spells of dry weather when the supply from the Council's own sources is insufficient to meet the consumption, extra supply has to be taken from this source to provide for additional districts in Tonyrefail and Gilfach Goch. Difficulty has been experienced in the past in providing a sufficient supply to meet the extra consumption when additional areas are supplied, owing to the inadequate size of the Board's main supplying storage reservoir from which the Council obtains the supply. It has been found necessary, therefore, to give an intermittent supply to certain parts of the district supplied from this source on occasions when the consumption has been approximately 50,000 gallons per day above the normal.

The water is filtered and chlorinated at the source, also treated to counteract its plumbo-solvent action. No lead piping is allowed, however, all services are either copper, tin-lined iron or very few tin-lined lead.

### **Llanilid Supply**

This supply is obtained from springs and upland gathering ground. The water is filtered and chlorinated and periodical bacteriological analyses of the water are made and results are found to be satisfactory.

The following districts are normally supplied from this source : major parts of Tonyrefail, Talbot Green, Pontychin, Brynsadler, Miskin and Pantyquesta. During periods of long dry spells the supply from this source is insufficient to meet the demand and parts of the district normally supplied are fed from 'Faf I'echan supply, thus a constant supply is maintained.

All service pipes are of copper with the exception of a few tin-lined iron and tin-lined lead, which were in existence prior to the introduction of copper piping in the district. The risk of contamination of the water by plumbo-solvent action of the water is therefore eliminated.



### **Maendy Supply**

This supply is obtained from springs and serves a part of Gilfach Goch. During long periods of dry weather the supply is augmented by the Pontypridd and Rhondda Joint Water Board and a constant supply is maintained.

The risk of contamination of the water by plumbo-solvent action is eliminated by the installation of service pipes as described above. The water is chlorinated but not filtered.

### **Tydu Supply**

Obtained from springs and augmented during periods of drought by the Llanilid or Taf Fechan supplies. The number of houses supplied is ten. The water is not chlorinated and periodical bacteriological analysis show that the quality of the water is good.

The water is fairly hard so there is no risk of contamination by plumbo-solvent action.

### **Cross Inn Supply**

This supply is obtained from springs and is augmented during long periods of dry weather by the Taf Fechan supply. The districts served are the villages of Cross Inn and Rhiwsaeson, comprising approximately 60 houses. The water is not chlorinated but bacteriological analyses show that the quality is satisfactory.

### **Fair View (Gilfach Goch) Supply**

This supply is obtained from springs and feeds the northern part of Gilfach Goch. During long periods of dry weather the supply is augmented by the Pontypridd and Rhondda Joint Water Board. The water is not chlorinated nor filtered.

### **Number of Houses Supplied with Water**

The total number of houses in the district, including isolated farms, is approximately 6,102.

Number of dwelling houses without a piped supply from the main is approximately 14. Of this number eight abut highways in which mains are laid, and their owners have not taken advantage of the supply available. The remaining dwelling houses are considerable distances away from any existing supply.

The approximate number of farms without a piped supply of water is 70, practically all of which are in isolated positions and considerable distances from existing mains.

Percentage of houses without a piped supply is approximately 0.23 per cent. of the total number in the district, including isolated farms.

The estimated present population of the district is 24,670, and it is estimated that 98.6 per cent of the population is supplied by water direct from the mains.

### Undertakings

#### *Number of Houses completed*

|                    |       |       |       |       |       |     |
|--------------------|-------|-------|-------|-------|-------|-----|
| Private Enterprise | ..... | ..... | ..... | ..... | ..... | Nil |
| <i>Council</i>     |       |       |       |       |       |     |
| B.I.S.F.           | ..... | ..... | ..... | ..... | ..... | 56  |
| Traditional        | ..... | ..... | ..... | ..... | ..... | 50  |
| Aluminium          | ..... | ..... | ..... | ..... | ..... | 152 |
| Airey              | ..... | ..... | ..... | ..... | ..... | 10  |

#### *Number of Houses under construction*

|                    |       |       |       |       |       |    |
|--------------------|-------|-------|-------|-------|-------|----|
| Private Enterprise | ..... | ..... | ..... | ..... | ..... | 1  |
| <i>Council</i>     |       |       |       |       |       |    |
| Traditional        | ..... | ..... | ..... | ..... | ..... | 56 |
| Airey              | ..... | ..... | ..... | ..... | ..... | 8  |

### Extensions to Water Mains

Miskin Road Site (No. 2), Pontyclun.  
Gillfach Road, Aluminium Housing Site, Tonyrefail.

### Extensions to Sewers

Miskin Road, Site (No. 2), Pontyclun.  
Gillfach Road, Aluminium Housing Site, Tonyrefail.

### Extensions to Water Supply

To three farms, two of which are outside the Council's area.



## EXAMINATION OF WATER SUPPLIES

Periodical reports are received from the Pontypridd and Rhondda Joint Water Board as to the bacteriological and chemical examinations of the water at the source, both raw and unfiltered. For the most part these are satisfactory.

The following special reports on the bacteriological and chemical examinations of water were obtained :—

### Bacteriological

| <i>Date</i> | <i>Address</i>  | <i>Result</i>              |
|-------------|---|----------------------------|
| 2/ 1/48     | Tydu supply, Household tap,<br>Castell Mwnws Cottages         | Moderate bacterial purity. |
| 2/ 1/48     | Storage Tank, Cross Inn Supply                                | Fairly Satisfactory.       |
| 23/ 2/48    | Household tap, Llantwit Fardre                                | Satisfactory.              |
| 23/ 2/48    | Storage tank, Cross Inn Supply,<br>Llantrisant .....          | Satisfactory.              |
| 13/ 2/48    | Tap, Dairy, Gilfach Goch .....                                | Satisfactory.              |
| 19/ 3/48    | Storage Reservoir, Tudu Supply                                | Satisfactory.              |
| 19/ 3/48    | Taf Fechan Supply, Household<br>tap, Gwaunmiskin Road, Beddau | Satisfactory.              |
| 1/ 5/48     | Tap, Hollybush, Church Village,<br>Taf Fechan Supply .....    | Satisfactory.              |
| 1/5 /48     | Tap, Rhiwfelan Isolation Hospital                             | Satisfactory.              |
| 31/ 5/48    | Cross Inn Storage Tank .....                                  | Fairly satisfactory.       |
| 31/ 5/48    | Tap in Maendy Meter House .....                               | Satisfactory.              |
| 14/ 6/48    | Tap, 81 Gilfach Road, Tonyrefail                              | Satisfactory.              |
| 28/ 6/48    | Tap, 235 High St., Gilfach Goch                               | Satisfactory.              |
| 28/ 6/48    | Tydu Reservoir, Tydu Supply                                   | Moderate.                  |
| 2/ 7/48     | Spring supplying Tyncoed Pottery                              | Satisfactory.              |
| 28/ 6/48    | Tap Maendy Meter Changer .....                                | Fairly satisfactory.       |
| 31/ 9/48    | Cross Inn Reservoir .....                                     | Fairly satisfactory.       |
| 31/ 9/48    | Cartref, Tonteg .....   | Satisfactory.              |
| 17/11/48    | Tap at 191 Trebanog Road .....                                | Satisfactory.              |
| 17/12/48    | Tap at the Elms, Llanharry,<br>Tydu supply .....              | Suspicious.                |
| 17/12/48    | Storage Reservoir, Tydu supply                                | Satisfactory.              |
| 22/12/48    | Clive Villa, Beddau, Taf Fechan<br>Supply .....               | Satisfactory               |
| 22/12/48    | Storage Tank, Cross Inn Supply                                | Satisfactory.              |
| 31/12/48    | Tap, Bon March, High Street,<br>Gilfach Goch .....            | Satisfactory.              |

## Examination of Water Supplies at Source

(A) Pontypridd and Rhondda Joint Water Board, the Engineering chief officer continues to let me have chemical and bacteriological reports of these water supplies.

(B) Taf Fechan, for some reason or other the Engineering Chief of this concern has never given me reports on Water supplies.

### Chemical

|    | <i>Date</i> | <i>Address</i>                                    | <i>Result</i>                           |
|----|-------------|---|---|
| 3  | 1/48        | Tap, Bon Marche, High Street, Gilfach Goch        | Fairly Satisfactory.                    |
| 3  | 1/48        | Tap, Castellymwnws Cottages, Tydu Supply          | Satisfactory                            |
| 15 | 3/48        | Tap, Dairy Garden Village, Gilfach Goch           | No evidence of organic contamination.   |
| 1  | 5/48        | Tap, Rhiwfelen Isolation Hospital, Llantrisant    | Fairly Satisfactory.                    |
| 12 | 6/48        | Tap, 81 Gilfach Road, Tonyrefail                  | Satisfactory                            |
| 28 | 6/48        | Tap, 235 High Street, Gilfach Goch                | Satisfactory                            |
| 2  | 7/48        | Spring supplying Tynycoed Pottery Llantwit Fardre | Unsatisfactory.                         |
| 12 | 11/48       | Tap, 191 Trebanog Road, Trebanog                  | Satisfactory.                           |
| 11 | 11/48       | Tydu Reservoir Storage Tank                       | No evidence of any recent contamination |

## SEWAGE EFFLUENTS

The total number of samples examined at the County Laboratory, Cardiff, showed :

|                        | <i>Miskin</i> | <i>Rhinefason</i> | <i>Duffryn Isaf</i> | <i>Total</i> |
|------------------------|---------------|-------------------|---------------------|--------------|
| Efficient Purification | 4             | 4                 | 4                   | 12           |
| Satisfactory           | 1             |                   | 2                   | 3            |
| Fairly Satisfactory    |               |                   | 1                   | 1            |
| Moderate purification  |               | 1                 | —                   | 1            |
|                        | 5             | 5                 | 7                   | 17           |

Steps were taken to remedy the inefficiencies. The most frequent cause of the inefficiency of purification of the sewage was the water-logging of the filter beds.

### Sewage Disposal Areas

These were the same as for previous years.

## EXAMINATION OF MILK SUPPLIES

SAMPLES TAKEN BY LOCAL SANITARY INSPECTORS AND EXAMINED AT  
LABORATORY

*Type of Milk*

|                     | <i>T.T.</i> | <i>Accredited</i> | <i>Pasteurised</i> | <i>Ordinary or<br/>Ungraded</i> | <i>Total</i> |
|---------------------|-------------|-------------------|--------------------|---------------------------------|--------------|
| Satisfactory        | —           | 2                 | 22                 | 38                              | 62           |
| Fairly Satisfactory | —           | —                 | —                  | —                               | —            |
| Unsatisfactory      | —           | —                 | 4                  | 12                              | 16           |
|                     | —           | 2                 | 26                 | 50                              | 78           |

SAMPLES TAKEN BY OUTSIDE AUTHORITIES

|                      | <i>T.T.</i> | <i>Accredited</i> | <i>Pasteurised</i> | <i>Ordinary or<br/>Ungraded</i> | <i>Total</i> |
|----------------------|-------------|-------------------|--------------------|---------------------------------|--------------|
| *Satisfactory .....  | —           | —                 | —                  | —                               | —            |
| Fairly satisfactory  | —           | —                 | —                  | —                               | —            |
| Unsatisfactory ..... | —           | —                 | —                  | —                               | —            |
|                      | —           | —                 | —                  | —                               | —            |

\*N.B.—Reports on samples that are Satisfactory are *not* sent to me : only Unsatisfactory Results are sent. Suitable steps are taken to investigate these cases.

### Sampling of Milk for Tubercle Bacilli

The number of samples taken for examination for tubercle bacilli was 33. Result were as follows :—

|          |          |          |         |
|----------|----------|----------|---------|
| Negative | ..... 31 | Positive | ..... 2 |
|----------|----------|----------|---------|

### Particulars for the Annual Report for the year ending 31st December, 1948

Report of Senior Sanitary Inspector, W. R. Williams

#### Housing

The housing survey which was started early in 1946 was still in progress at the end of 1948, and towards the end of that year some concern was expressed by members of the Council regarding the time it had taken and the cost involved.

The survey had been confined chiefly to the older houses in the district and although much valuable data had been collected regarding the general condition of these houses it was felt that the cost of obtaining similar information concerning council houses and privately owned houses of a modern type would not be justified. Instructions were therefore given to exclude modern houses from the survey.

The majority of the houses thus excluded were built in the period between the two wars, and those privately owned are situated chiefly in the Pontyclun, Talbot Green, Church Village and Tonteg areas. They are up to byelaw standard and generally are maintained in a reasonable state of repair. In the circumstances, therefore, it was felt that the cost of making a survey of such houses would be quite disproportionate to the practical use of the information likely to be obtained.

Although the survey had not been completed at the end of the year it has since been brought to a conclusion and it is now possible to give the provisional grading of the houses surveyed together with certain detailed extracts :

Total number of houses surveyed ..... 1,565

|                  | <i>Provisional Classification</i> |                |                |                |                |
|------------------|-----------------------------------|----------------|----------------|----------------|----------------|
|                  | <i>Grade 1</i>                    | <i>Grade 2</i> | <i>Grade 3</i> | <i>Grade 4</i> | <i>Grade 5</i> |
| Number of houses | 258                               | 947            | 178            | 3              | 179            |
| No. Overcrowded  | 1                                 | 18             | 4              | 2              | 4              |

N.B. *Grade 1* Satisfactory  
 „ *2* Minor defects.  
 „ *3* Needing major repairs or alterations.  
 „ *4* Suitable for reconditioning under Housing (Rural Workers) Act.  
 „ *5* Unfit for habitation.

Other extracts from the survey are :

|  |       |
|--|-------|
| Number of owner occupiers              | 317   |
| „ „ sub-tenancies                      | 172   |
| „ „ houses without mains water supply  | 32    |
| „ „ houses with taps outside the house | 190   |
| „ „ „ without a separate water supply  | 25    |
| „ „ „ „ a hot-water supply             | 1,257 |
| „ „ „ „ a wash-up sink                 | 596   |
| „ „ „ „ a bath                         | 1,151 |
| „ „ „ „ a suitable larder              | 299   |
| „ „ „ „ separate washing accommodation | 192   |
| „ „ „ „ a water closet                 | 66    |
| „ „ „ „ a separate water closet        | 20    |
| „ „ „ „ flushing cisterns              | 440   |
| „ „ „ with inside sanitation           | 94    |
| „ „ „ not connected to a sewer         | 95    |
| „ „ „ with pail closets                | 56    |
| „ „ „ without back doors               | 83    |
| „ „ „ „ backyards                      | 173   |

## **Condemnation of Houses**

During the year demolition orders were made in respect of 21 houses.

## **Sewage Disposal**

I have again to draw attention to the lack of adequate sewage disposal facilities in certain parts of the area.

The largest single group of houses affected is the village of Cross Inn where the sewage from over 50 houses discharges into open gutters and eventually flows untreated into the river Clun causing objectionable, and possibly dangerous, pollution. During the summer months many school children and young adults bathe in the river at several places below the point at which sewage enters the water and the imagination need not be strained to appreciate that each time they bathe they run the risk of becoming infected with typhoid (and possibly poliomyelitis) or other water-borne diseases.

In the circumstances I suggest most strongly that the provision of a suitable sewage disposal plant for the village is a matter which should be given high priority.

Other places where improvements are necessary are :—

- (1) Upper Church Village in the vicinity of Bryntirion Chapel.  
(Here the improvement could be effected at a comparatively low cost.)
- (2) Mwyndy.
- (3) Croesfaen.
- (4) Castellymwnws.
- (5) Talygarn.

## **Meat Inspection**

I have in the past referred to the fact that many pigs are slaughtered each year in the district by small pig-keepers for consumption by members of their own households without any form of inspection. A few of the owners make a practice of notifying their intention to slaughter and are anxious to have the carcasses inspected, but in the majority of cases no notification is received and no inspection takes place.

With certain minor exceptions the law relating to meat inspection and the slaughter of animals for food applies only where the meat is intended for sale and there is, therefore, no obligation to notify the slaughter of a pig or other animal for human food if it is not intended for

sale. Past experience, however, has shown that almost invariably a proportion of such pigs are affected with tuberculosis or other pathological conditions and that they are a potential danger to health.

Disease is not confined to animals which are slaughtered for sale, and in my opinion the strongest possible representations should be made to the Ministries concerned urging such amendments to legislation as may be necessary to ensure that the law relating to the slaughter of animals for human food and to the seizure of unsound food shall apply to *all* animals slaughtered for human consumption irrespective of whether the meat of such animals is intended for sale or not.

### **Human Anthrax**

Occasional cases of anthrax have occurred during the last year or so among the employees at a factory at the Treforest Trading Estate, the source of infection being imported crushed bone. The bone is imported in sacks which, when empty, are sold to rag and marine store merchants who dispose of them for various purposes throughout the country.

There can be but little doubt that some of the sacks are infected with anthrax bacilli or spores and in view of the danger to persons handling them it is felt that the Ministry of Health should issue regulations requiring the importers either to destroy or, if otherwise disposed of, disinfect the sacks.

### **Rodent Control**

In April, 1948, the Council decided to participate in the scheme sponsored by the Ministry of Agriculture and Fisheries for the destruction of rats and mice, and a full-time rodent operative was appointed and commenced work during the early summer. In addition to the treatment of sewers and other Council property his work included the treatment of private and business premises, but as time went on it was found that one man could not adequately cope with the work throughout the whole district and, on the suggestion of the Divisional Rodent Officer, the Council agreed at the end of the year to appoint a second rodent operative who, however, did not commence work until early 1949.

Meanwhile the first maintenance treatment of the sewers was carried out between July 5th and September 4th, 1948, and of 943 manholes baited there were takes of unpoisoned pre-bait in 116 (12.19%) and takes of poisoned bait in 111 (11.66%).

The second maintenance treatment was in progress, but had not been completed at the end of the year. In addition the refuse tips, disposal works and other Council property had also been treated, as well as a number of private and business premises.



## Water Supply

During the year two houses at Llantrisant which previously obtained water from a private well were connected to the public main supply.

## Milk Supplies

By arrangement with the Cardiff and County Public Health Laboratory Service samples of milk produced or retailed in the area are taken regularly for testing by the methylene blue test and also for examination for the presence of tubercle infection. The results are reported to the Public Health Committee of the Council as they are received, and appropriate steps are taken to effect an improvement when adverse reports are received.

Producers of a suitable type whose premises and methods of production, etc., are satisfactory are continually being urged to apply for licences to produce either accredited or tuberculin tested milk, preferably the latter.

The reports upon samples taken during the year are tabulated on another page.

## Ice Cream

Active steps were taken during the year to improve the conditions under which ice-cream is made and sold in the district.

There are no large-scale manufacturers in the area and of the seven smaller purveyors who make their own ice-cream three submitted plans for the erection of new and improved buildings, one carried out improvements to the existing premises, one now used a complete cold mix, and one has discontinued making and selling ice-cream.

### Summary of Visits, etc., made during the Year 1948

|   |       |     |
|---|-------|-----|
| Number of houses inspected                          | ..... | 574 |
| Number of houses repaired :—                        |       |     |
| After service of informal notices                   | ..... | 122 |
| After service of Statutory notices                  | ..... | 36  |
| Number of Demolition Orders made                    | ..... | 21  |
| Number of cases of Infectious Diseases investigated | ..... | 57  |
| Number of Houses Disinfected                        | ..... | 60  |
| Number of Cesspools cleansed                        | ..... | 43  |
| Number of Visits to Factories                       | ..... | 71  |
| Number of Visits to Cowsheds and Dairies            | ..... | 245 |
| Number of Dairy Premises altered or reconstructed   | ..... | 6   |
| Number of Samples of Milk taken for examination     | ..... | 64  |
| Number of Samples of Water taken for examination    | ..... | 23  |

Approximate amounts of Foodstuffs found to be unfit for sale :

|                            |       |       |       |            |
|----------------------------|-------|-------|-------|------------|
| Canned and Preserved Foods | ..... | ..... | ..... | 1,117 lbs. |
| Meat and Bacon             | ..... | ..... | ..... | 182 lbs.   |
| Fish                       | ..... | ..... | ..... | 70 lbs.    |
| Butter and Margarine       | ..... | ..... | ..... | 145 lbs.   |
| Cheese                     | ..... | ..... | ..... | 2 lbs.     |

### Report of Sanitary Inspector (J. G. C. Short) for Year 1948

Complaints received (including those arising from Housing Survey) 988

#### Housing

|                         |       |       |       |       |       |       |       |       |       |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| First Visits            | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 244   |
| Revisits                | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 311   |
| Tents and Vans          | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14    |
| Farms, Dairies, etc.    | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 79    |
| Shops and Warehouses    | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 53    |
| Food Preparing Premises | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 41    |
| Factories               | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 16    |
| Bakeries                | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2     |
| Rodent Infestation      | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 9     |
| Vermin Infestation      | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 14    |
| Infectious Diseases     | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 58    |
| Drainage, etc.          | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 104   |
| Water Supply            | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5     |
| Food Inspection         | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 30    |
| Refuse Disposal         | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 54    |
| Cinemas, Clubs, etc.    | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10    |
| Miscellaneous           | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 319   |
| TOTAL                   |       |       |       |       |       |       |       |       | 1,353 |

#### Notices served under Public Health Act

|             |     |
|-------------|-----|
| Preliminary | 173 |
| Statutory   | 34  |

#### Notices complied with during the year

|             |                                 |
|-------------|---------------------------------|
| Preliminary | 56                              |
| Statutory   | 20 (including 5 served in 1947) |

#### Number of notices partly complied with or in hand at the end of the year :

|             |    |
|-------------|----|
| Preliminary | 32 |
| Statutory   | 16 |

#### Action under the Housing Act, 1936

|                                  |   |
|----------------------------------|---|
| Number of Closing Orders Made    | 2 |
| Number of Demolition Orders Made | 2 |
| Number of Undertakings Accepted  | 5 |



**Summary of House Repairs and other works completed and  
New Installations made and of Nuisances abated by Service of  
Notice during the year 1948.**

|   |    |
|---|----|
| House Roofs, Chimneys, Shutting, etc., repaired                                 | 56 |
| New W.C. Pans, Flush Tanks, etc., installed                                     | 48 |
| Dampness in Walls of Rooms rectified  | 18 |
| New W.C's Built   | 12 |
| House Walls affected by Subsidence taken down and rebuilt                       | 4  |
| Defective House Walls repaired, re-pointed, etc.                                | 20 |
| Floors Relaid or Repaired   | 16 |
| Windows, Doors, Stairs, etc., repaired or renewed                               | 49 |
| Internal wall and Ceiling Plastering restored                                   | 50 |
| External Cement rendering restored or renewed                                   | 1  |
| Fire Grates, Flues, Ovens, etc., repaired or renewed                            | 21 |
| Defective Drainage repaired, cleansed, relaid, new inspection<br>chambers built | 37 |
| New Wash-up Sinks installed   | 2  |
| Yard Paving relaid  | 11 |
| Accumulations of Offensive Matter removed                                       | 5  |
| Verminous Premises Disinfested  | 5  |
| Flooding of Premises Prevented  | 3  |

## HOUSING

### Action under Sections 11 and 12 Housing Act, 1936

DEMOLITION ORDERS were made and became operative during the year in respect of the following premises :—

- (1) 103 High Street, Tonyrefail. (Vacated upon allocation of a Council House to the occupants.)
- (2) Old Collenna Office, Tonyrefail. (Vacated upon allocation of a Council House to the occupants.)

CLOSING ORDERS were made and became operative during the year in respect of the following premises :—

- (3) 12 Llantrisant Road, Tonyrefail—underground room. (Occupants allocated a Council House.

In respect of the following dwelling houses, UNDERTAKINGS from the owners to carry out extensive repairs and renovations were accepted by the Council

- (4) 13 High Street, Tonyrefail. The occupants were allocated a Council House and the house was renovated while vacant. When repaired it was sold and re-let.
- (5) 109 High Street, Tonyrefail. Extensive renovation of this house was carried out by the owner after the occupants had been re-housed in a Council House. By agreement with the owner it was re-let after repair to a tenant selected by the Ward Members.

Two adjoining houses also in the same ownership were extensively repaired as an indirect result of the formal action taken in connection with this house.

- (6) 277 High Street, Gilfach Goch. An undertaking to repair was offered and accepted but not honoured by the end of the year.

UNDERTAKINGS NOT TO RE-LET FOR HUMAN HABITATION were offered and accepted by the Council in respect of :—

- (7) 10 Waunrhydd Road, Tonyrefail—part of a building (occupants allocated a Council House.)
- (8) 18A High Street, Tonyrefail. (Occupants allocated a Council House.)
- (9) 4 Waunrhydd Road, Tonyrefail. (Occupants allocated a Council House.)
- (10) Nos. 204, 206 and 208 High Street, Gilfach Goch, dwelling houses which had become derelict and in a dangerous state, were formally reported to the Council with the recommendation that action be taken for their demolition.

### Emergency Action under Section 58 Public Health Act 1936.

In two cases premises with walls found to be so defective as to be liable to collapse were reported to the Council and authority for immediate safeguarding asked for. In both cases this was granted and the premises were rendered safe within a very short time.

### Supervision of Milk Supplies

|   |                 |                 |
|---|-----------------|-----------------|
| Total No. of Samples taken                        | .....           | 33              |
| No. of Pasteurised Milk Samples taken             | .....           | 4               |
| No. of Satisfactory Samples of Ungraded Milk      | .....           | 22              |
| No. of Unsatisfactory Samples of Ungraded Milk    | .....           | 7               |
| No. of Satisfactory Samples of Pasteurised Milk   | .....           | 3               |
| No. of Unsatisfactory Samples of Pasteurised Milk | .....           | 1               |
| No. of Samples examined for presence of           | <i>Positive</i> | <i>Negative</i> |
| Tubercle Bacillus                                 | ..... 1         | 17              |

One sample of milk produced locally was found to be tubercularly infected. Clinical and biological tests were made by veterinary inspectors of the Ministry of Agriculture upon the animals in the herd. There was no further evidence of tubercle infection in the milk and it appeared that the responsible animal had been disposed of to a knacker's yard shortly after the sample has taken.

### Meat and Food Inspection

In the course of Meat and Food Inspection Duties the following were rejected as unfit for human consumption and otherwise disposed of:

|                   |       |           |
|-------------------|-------|-----------|
| Figs              | ..... | 56 lbs.   |
| Fruit—Canned      | ..... | 4½ lbs.   |
| Fish              | ..... | 98 lbs.   |
| Fish—Canned       | ..... | 2½ lbs.   |
| Milk, Canned      | ..... | 56 lbs.   |
| Vegetables—Canned | ..... | 34 lbs.   |
| Jam               | ..... | 2 lbs.    |
| Ham               | ..... | 10 lbs'   |
| Meat—Canned       | ..... | 18 lbs.   |
| Beef              | ..... | 141 lbs.  |
| Butter            | ..... | 1½ lbs.   |
| TOTAL             |       | 423½ lbs. |

### Gypsy Van Dwellers

Attention was given during the year to nuisances caused by gypsy families. They enter the district with their horse-drawn caravans and settle down on a convenient site rapidly causing nuisance from lack of sanitation and the refuse they deposit nearby. The circumstances this creates constitute a grave menace to public health and an intolerable nuisance to persons living close by from the stench, the encouragement to rat and fly breeding and the general unsightliness of the rubbish strewn site with its grubby vans and dirty tents.

The gypsies themselves are commonly dirty, unkempt and verminous and their children likewise. In the schools the children have to be segregated because of this. They make much use of public transport in their occupation of hawking and they are a considerable nuisance to other passengers.

In their present state, they are a danger to themselves and their children and a menace to the public health.

Steps should be taken by the Ministry of Health to assess the extent of this problem on a national scale and a definite policy of encouraging them to settle down in permanent huts or houses provided by local authorities formulated. There would be difficulties and set-backs in such a scheme but it is essential that the problem should be solved as a whole and not merely tackled locally by the somewhat cynical method of moving them into the adjoining district there to re-create the same nuisances.

## Housing Survey

The survey begun on 11th February, 1946, was completed at the end of 1948. The results are given in the following summary :—

### TONYREFAIL AND GILFACH GOCH WARDS

1. Duration of Survey—11th February, 1946–31st December, 1948.
2. Population of the two wards. Estimated at .... 12,850.
3. Total number of houses of all types ..... 3,017
4. Number of houses of £15 r.v. or less ..... 2,943 including Council Houses
5. Number of non-Council houses of £15 r.v. or less ..... 2,399
6. Number of the above (5) surveyed .... 2,397  
(Council Houses were excluded from the survey by decision of the Council).

#### 8. CLASSIFICATION

|          |   |       |
|----------|---|-------|
| Category | I. Satisfactory in all respects .. .. .                                       | 37    |
| „        | II. Minor defects .. .. .   | 842   |
| „        | III. Requiring repair, structural alterations or improvements .. .. .         | 1,178 |
| „        | IV. Appropriate for reconditioning under Housing (Rural Workers' Act) .. .. . | 220   |
| „        | V. Unfit for habitation and incapable of repair at reasonable cost .. .. .    | 107   |
|          | Unclassified .. .. .  | 13    |

#### 9. WATER SUPPLY

|  |                    |
|--|--------------------|
| Number of Houses with Mains Supply on Premises .. .. . | 2,356 (without 41) |
| Number of Houses with Hot Water System .. .. .         | 485 ( „ 1,912)     |
| Number of Houses with Wash-up Sink .. .. .             | 1,459 ( „ 938)     |
| Number of Houses with Washing Boiler .. .. .           | 421 ( „ 1,976)     |
| Number of Houses with a Fixed Bath .. .. .             | 729 ( „ 1,668)     |

## 10. SANITARY ACCOMMODATION

|                       |                    |                        |
|-----------------------|--------------------|------------------------|
| Number of houses with | Water Closet       | 2,329—                 |
| „ „ „ „               | Earth Pail Closet  | 46—(without either 22) |
| „ „ „ „               | Flush W.C. ....    | 1,749                  |
| „ „ „ „               | no flush in W.C.   | 648                    |
| „ „ „ „               | Internal W.C. .... | 116                    |

## 11. DRAINAGE

|                                     |                     |                    |
|-------------------------------------|---------------------|--------------------|
| Number of Houses                    | with Main Drainage  | 2,341 (without 56) |
| 12. „ „ „                           | Owner/Occupied .... | 559                |
| 13. Number of Sub-Tenancies         | .....               | 346                |
| 14. Number of Overcrowded Dwellings |                     | 25                 |

### Private Water Supply to Greenmeadow Terrace, Penrhiwfer, Glam.

Eight houses in this street derive a domestic supply of water from an unprotected source, on the hillside and although the Council have resolved that each house should be connected to the mains this has not yet been done.

### Disposal of Sewage from Llantrisant Road, Tonyrefail

The unsatisfactory circumstances commented on in previous annual reports still obtain.

## WATER SUPPLIES

The routine sampling of the public supply was continued during the year. Ten samples being submitted to the Public Analyst for examination. Five were Chemical and five Bacteriological samples. All were satisfactory.

The following report by the Analyst upon a tap water sample taken in Gilfach Road Tonyrefail, is typical.

### Chemical Report

|                           |                   |                |                  |
|---------------------------|-------------------|----------------|------------------|
| Colour—Pale green, clear. | 20 Burgess units. | Total hardness | 2.2              |
| Chlorine (as Cl.)         | .....             |                | 1.2              |
| Nitrates (as N.)          | .....             |                | Practically Nil. |
| Nitrites (as N.)          | .....             |                | Practically Nil. |
| Free Ammonia              | .....             |                | 0.0012           |
| Albuminoid Ammonia        | .....             |                | 0.0028           |

|  |   |
|--|---|
| Poisonous Metals .....                   | Nil.  |
| Iron .....                               | 0.01  |
| Volume of Sediment .....                 | 0.05  |
| Microscopic Examination of Sediment .... | Practically Nil. Amorphous debris. Oxide of Iron. Diatoms, Filaments. |
| Residual Free Chlorine .....             | Nil.  |

*Remarks :* "A soft neutral water containing a faint trace of dissolved iron. The chemical and physical characters are satisfactory.

### Bacteriological Report

|  |      |
|--|------|
| Bacteria developing per m.l. at 20 C in 3 days ..... | Nil. |
| " " " " " 37 C in 2 days .....                       | Nil. |
| Coliform organisms present .....                     | —    |
| Coliform organisms absent from 50 m.l. ....          | —    |

*Remarks :* Satisfactory.

## ICE CREAM

Some progress was made by local manufacturers during the year towards full compliance with the Ice Cream (Heat Treatment, etc.) Regulations, 1947.

Six samples of ice-cream were taken during the year and submitted to the Public Health Laboratory for examination.

Results as shewn below were unsatisfactory and it was necessary to notify each manufacturer and retailer concerned and to request much greater care in product and handling.

Some manufacturers used the "cold mix" and others the "hot mix" method. One manufacturer installed a modern heat treatment plant during the year. Others had such plant on order but were unable to install suitable apparatus owing to the protracted delay in delivery.

### Ice Cream Samples—Provisional

| <i>Grade I</i> | <i>Grade II</i> | <i>Grade III</i> | <i>Grade IV</i>     |
|----------------|-----------------|------------------|---------------------|
| Satisfactory   | Satisfactory    | Unsatisfactory   | Very Unsatisfactory |
| —              | —               | 2                | 4                   |



## RODENT CONTROL

Two rodent operators were appointed in June, one for each sanitary district, and inspection, baiting and trapping of business premises, private premises and periodical sewer treatments were carried out.

Baiting of sewers indicated a very small rat population. There being fewer "takes" of bait than on previous occasions.

Sausage mash was the bait used and the poison zinc phosphide.

## REFUSE DUMPING AND POULTRY KEEPING

Indiscriminate depositing of domestic refuse by householders and others is far too prevalent. It is a most objectionable practice being productive of the nuisances of rat and fly breeding, smell nuisance and general uncleanness and unsightliness.

Furthermore, there can be no possible reason for such dumping because Council refuse lorries traverse every street in the area daily and collect all refuse put out in receptacles.

Such refuse dumping seems often to be associated with poultry and pig keeping, because persons keeping chickens throw ashes and food scraps in the garden or on open ground nearby for the animals to root in.

Numbers of geese are frequently to be seen straying on roads and pavements in the Garden Village area of Gilfach Goch. Much fouling of the highway and sidewalks results which is most offensive and unhygienic.



# VITAL STATISTICS OF WHOLE DISTRICT DURING 1948 AND PREVIOUS YEARS.

|      |   |                    | Births |       | Total Deaths Registered in District |       | Trans-ferable Deaths                     |  | Nett Deaths belonging to the District |                            |             |                               |
|------|---|--------------------|--------|-------|-------------------------------------|-------|--|--|---------------------------------------|----------------------------|-------------|-------------------------------|
| Year | Population estimated to middle of each year | Uncorrected number | Nett   |       | Number                              | Rate  | Of non-residents regis-tered in district | Of residents not regis-tered in district | Under one year age                    |                            | At all ages | Rate per 1,000 of population. |
|      |   |                    | Number | Rate  |                                     |       |  |  | Number                                | Rate per 1,000 nett births |             |                               |
|      |   |                    |        |       |                                     |       |  |  |                                       |                            |             |                               |
| 1    | 2   | 3                  | 4      | 5     | 6                                   | 7     | 8  | 9  | 10                                    | 11                         | 12          | 13                            |
| 1914 | 18,228                                      | —                  | 743    | 40.7  | 258                                 | 14.1  | 3  | —  | 73                                    | 98                         | 255         | 11.3                          |
| 1917 | 23,382                                      | 628                | 628    | 26.8  | 290                                 | 13.8  | 5  | 25                                       | 51                                    | 81                         | 281         | 13.4                          |
| 1918 | 20,868                                      | —                  | —      | —     | —                                   | —     | —  | —  | —                                     | —                          | —           | —                             |
| 1921 | 26,060                                      | 808                | 808    | 31.0  | 286                                 | 10.9  | 9  | 26                                       | 89                                    | 110                        | 277         | 10.06                         |
| 1924 | 26,790                                      | 746                | 746    | 27.84 | 310                                 | 11.65 | 4  | 45                                       | 65                                    | 87                         | 310         | 11.7                          |
| 1931 | 26,290                                      | 486                | 525    | 20.12 | 269                                 | 10.2  | 5  | 50                                       | 45                                    | 86                         | 314         | 12.03                         |
| 1934 | 25,960                                      | 434                | 490    | 18.87 | 209                                 | 8.1   | 6  | 69                                       | 33                                    | 67                         | 272         | 10.47                         |
| 1935 | 25,630                                      | 401                | 441    | 17.20 | 205                                 | 7.9   | 6  | 86                                       | 30                                    | 68                         | 295         | 11.08                         |
| 1936 | 25,130                                      | 415                | 440    | 17.27 | 211                                 | 8.39  | 11                                       | 73                                       | 28                                    | 64                         | 276         | 10.86                         |
| 1937 | 24,480                                      | 423                | 418    | 17.07 | 232                                 | 9.4   | 4  | 84                                       | 29                                    | 69                         | 316         | 12.09                         |
| 1938 | 24,230                                      | 410                | 434    | 16.9  | 184                                 | 7.5   | 9  | 88                                       | 18                                    | 44                         | 272         | 11.2                          |
| 1939 | 24,040                                      | 420                | 444    | 18.38 | 225                                 | 9.4   | 6  | 81                                       | 26                                    | 58                         | 306         | 12.8                          |
| 1940 | 23,930                                      | 482                | 466    | 19.5  | 266                                 | 11.1  | 28                                       | 82                                       | 34                                    | 72                         | 348         | 13.5                          |
| 1941 | 26,210                                      | 500                | 492    | 18.8  | 230                                 | 8.7   | 22                                       | 79                                       | 35                                    | 69                         | 309         | 11.8                          |
| 1942 | 24,400                                      | 489                | 494    | 20.2  | 182                                 | 7.4   | 15                                       | 65                                       | 19                                    | 38                         | 247         | 10.1                          |
| 1943 | 23,650                                      | 451                | 456    | 19.3  | 197                                 | 8.3   | 10                                       | 54                                       | 19                                    | 42                         | 251         | 10.6                          |
| 1944 | 23,450                                      | 586                | 563    | 24.0  | 208                                 | 8.8   | 9  | 68                                       | 34                                    | 60                         | 276         | 11.8                          |
| 1945 | 22,950                                      | 492                | 499    | 21.7  | 231                                 | 10.6  | 8  | 90                                       | 34                                    | 68                         | 327         | 14.2                          |
| 1946 | 23,610                                      | 514                | 498    | 21.1  | 197                                 | 8.34  | 4  | 74                                       | 18                                    | 36                         | 271         | 11.5                          |
| 1947 | 23,670                                      | 572                | 561    | 23.7  | 299                                 | 12.6  | 90                                       | 53                                       | 22                                    | 39                         | 278         | 11.7                          |
| 1948 | 24,670                                      | 539                | 538    | 22.5  | 289                                 | 12.0  | 192                                      | 30                                       | 27                                    | 50                         | 281         | 11.7                          |

**BIRTH RATE, DEATH RATE AND ANALYSIS OF MORTALITY IN THE YEAR 1948 (From the Registrar-Generals Report**

|  | Rate per 1,000 Population |              | Annual Death Rate per 1,000 Population |                         |                |            |              |           |          |   |           |                                | Rate per 1000 Live Births                    |               | Rate of incidence per 1,000 Population |                        |               |                |            |            |          |         |           |                     |                         |                             |         |
|--|---------------------------|--------------|--|-------------------------|----------------|------------|--------------|-----------|----------|---|-----------|--------------------------------|--|---------------|--|------------------------|---------------|----------------|------------|------------|----------|---------|-----------|---------------------|-------------------------|-----------------------------|---------|
|  | Live Births               | Still Births | All Causes                             | Typhoid and Paratyphoid | Whooping Cough | Diphtheria | Tuberculosis | Influenza | Smallpox | Acute Poliomyelitis and Polioencephalitis | Pneumonia | All Causes under 1 year of age | Enteritis and Diarrhoea under 2 years of age | Typhoid Fever | Paratyphoid Fever                      | * Cerebro Spinal Fever | Scarlet Fever | Whooping Cough | Diphtheria | Erysipelas | Smallpox | Measles | Pneumonia | Acute Poliomyelitis | Acute Polioencephalitis | Puerperal Fever and Pyrexia |         |
| England and Wales .. .. .  | 17.9                      | 0.42         | 10.8 (a)                               | 0.00                    | 0.02           | 0.00       | 0.51         | 0.03      | —        | 0.01                                      | 0.41      | 34(b)                          | 3.3  | 0.01          | 0.01                                   | 0.03                   | 1.73          | 3.42           | 0.08       | 0.21       | —        | —       | 9.34      | 0.73                | 0.04                    | 0.00                        | 6.89    |
| 126 County Boroughs and Great Towns including London ..                            | 20.0                      | 0.52         | 11.6                                   | 0.00                    | 0.02           | 0.00       | 0.59         | 0.03      | —        | 0.01                                      | 0.38      | 39                             | 4.5  | 0.00          | 0.01                                   | 0.03                   | 1.90          | 3.51           | 0.10       | 0.23       | —        | —       | 9.75      | 0.84                | 0.05                    | 0.00                        | 8.90    |
| 148 Smaller Towns (est. resident populations 25,000-50,000 at 1931 Census) .. .. . | 19.2                      | 0.43         | 10.7                                   | 0.00                    | 0.02           | 0.00       | 0.46         | 0.04      | —        | 0.01                                      | 0.36      | 32                             | 2.1  | 0.01          | 0.01                                   | 0.02                   | 1.82          | 3.31           | 0.09       | 0.21       | —        | —       | 8.84      | 0.60                | 0.04                    | 0.00                        | 4.71    |
| London .. .. .   | 20.1                      | 0.39         | 11.6                                   | 0.00                    | 0.01           | 0.01       | 0.63         | 0.02      | —        | 0.00                                      | 0.54      | 31                             | 2.4  | 0.00          | 0.01                                   | 0.03                   | 1.37          | 3.13           | 0.10       | 0.22       | —        | —       | 9.17      | 0.57                | 0.04                    | 0.00                        | 7.34(c) |
| Llantrisant and Llantwit Fardre  | 22.5                      | 14.8         | 11.7                                   | —                       | —              | —          | 67           | —         | —        | —   | 0.45      | 50                             | 0.04   | —             | —                                      | —                      | 3.5           | 0.83           | 0.45       | 0.37       | —        | —       | 12.5      | 0.54                | —                       | —                           | —       |

|   |                        |                        |                        |                           |
|---|------------------------|------------------------|------------------------|---------------------------|
| Maternal mortality rates for England and Wales are as follows | <i>Puerperal</i>       | <i>Ab. Sepsis</i>      | <i>Others</i>          | <i>Ab. without Sepsis</i> |
| Maternal mortality rate for Llantrisant and Llantwit Fardre   | ..                     | ..                     | ..                     | ..                        |
|   | Per 1,000 Total Births | Per 1,000 Total Births | Per 1,000 Total Births | Per 1,000 Total Births    |
|   | ..                     | ..                     | ..                     | ..                        |
|   | 0.13                   | 0.11                   | 0.73                   | 0.05                      |





